



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**BUREAU OF ENGINEERING**  
SUITE 700, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 741-0791

**JOHN C. SCHROER**  
COMMISSIONER

**BILL HASLAM**  
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Operations

FROM: <sup>72</sup>Brad Freeze, Director of Traffic Operations

SUBJECT: **Proprietary Item Request and Justification**  
**City of Murfreesboro**

**CCTV Cameras:** The City of Murfreesboro is requesting that Vicon Surveyor MKII HD (pressurized) CCTV Cameras be used in all signalization projects within the City of Murfreesboro over the next three years where Federal and/or State funding are used. The following are justification items for this request:

Currently, there are 32 Vicon Surveyor CCTV Cameras that are being utilized within the City's ITS System. All 32 CCTV Cameras are Vicon Surveyor (100%). The use of the Vicon Surveyor CCTV Camera is for full synchronization and extended capabilities within the existing system. The City maintains an inventory of existing hardware and software Vicon equipment that includes an inventory of Vicon parts for the City's ITS System.

In addition, the City of Murfreesboro staff has been extensively trained to install, operate, and maintain the Vicon Surveyor CCTV Cameras within the City's ITS System. This allows technicians to quickly diagnose problems with field units which reduces the time required to maintain the system overall and helps keep the system operational during heavy traffic times to insure maximum capacity of the synchronized system. By utilizing Vicon Surveyor CCTV Cameras as the standard for the City, there will be a cost savings in stocking replacement equipment which will result in faster and less costly repair.

I, Brad Freeze, Director of the Traffic Operations Division of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary items listed above are essential for the synchronization of existing facilities.

  
Assistant Chief Engineer of Operations

12/5/17  
Date



*... creating a better quality of life.*

November 30, 2017

Brad Freeze, Director, Traffic Operations Division  
Tennessee Department of Transportation  
Suite 1200, James K. Polk Building  
505 Deadrick Street  
Nashville, TN 37243

**SUBJECT: Proprietary Item Request for CCTV Cameras  
City of Murfreesboro**

**Dear Brad:**

The City Murfreesboro is requesting the use of Vicon Surveyor MKII HD (pressurized) Cameras be used on all projects in the City of Murfreesboro over the next 3 years using federal or state funds. There are currently 32 Vicon Surveyor (100%) that are being utilized to date within the City of Murfreesboro's ITS System.

The use of the Vicon Surveyor is for full synchronization and extended capabilities within the existing system. Our inventory of existing equipment, hardware and software is comprised of the Vicon product. The City maintains an inventory of parts for the Vicon system, as such, our traffic signal technicians have undergone extensive training on the maintenance of this system. Thank you for your consideration of this request to better serve the citizens of Murfreesboro with increased efficiency through normal operations and maintenance activities. Should you have any questions, please feel free to contact me at 615-893-6441.

Sincerely,

Jim Kerr  
Transportation Director

Cc: Steve Bryan, TDOT Traffic Operations Division Section Manager